

Meeting Minutes

Date: 9-14-18

Attendees: Hailey Johnson, Wei Zhao, Jordan Cates, Feng Li, Eric Booth, Ujjwal Roy

Announcements:

- None
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Meeting:

- Introductions
 - Eric Booth
 - Ujjwal Roy
 - Hailey Johnson
 - Wei Zhao
 - Jordan Cates
- Project Description
 - The project is a continuation of Eric and Ujjwal's own sort of research project. It is separate from Micron, and they intend to keep it open source and accessible to everyone who needs it.
- Q&A
 - Q: What language/ platform would you like us to use?
A: You can use what you would like. The previous team used Java, but you can also use Python if you prefer.
 - Q: Are there any papers you would like us to read before we start?
A: Eric has some he will send on to us.
 - Q: What will the testing schedule look like?
A: This project is large enough to span over multiple years. Most likely we will not have a final product by the end of the year, but we should be testing as we go and performing system tests for milestones. We will see if we need full system testing at the end of the year.
 - Q: What is "Quality of repetitions"?
A: We want to look for a point where the vocal recordings from the individual are continuously correct and of high quality.
 - Q: Will we be using part of our budget for a trip to Micron, or will you be attending Expo?
A: The hope is to have us present at Micron at the end of the year, however it is not a guarantee. Eric is also hoping to attend Expo.
 - Q: How are we determining quality of acoustic waveform?

A: There are many toolkits out there that use language models and acoustic models to split the bits into phones and then compare to different samples. The previous team used Sphinx.

- Q: What are the beginning and end points for the project this year?
- A: That's partially up to you. You should decide what parts of the project you would like to learn about most. Also, this is a lengthy project and you should not assume that by April you will have a completely finished project.
- Q: Are there any specific laws/rules that we'll have to keep in mind?
- A: Laws such as COPPA and HIPAA always need to be followed, especially when dealing with medical information of children.

To Do for Next Meeting (date):

- Jordan Cates
 - Distribute minutes
- Eric Booth
 - Send relevant research papers
- Feng Li
 - Give combination for lock
 - Provide code

Everyone:

- Read over past year's work
- Come to the next meeting with more technical questions

***Highlight important things